

AirCred:

An Interactive Tool for Calculating Emission Reduction Credits for Your Clean Cities AFVs at the Click of a Mouse

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Presented at:

6th National Clean Cities Conference & Expo San Diego, CA

May 9, 2000



Why AirCred? Why Now?

- Why not take emission reduction credits for the AFVs that private and municipal fleets have voluntarily acquired?
- AFV emission reduction benefits are being "lost" for official air quality compliance purposes
- Uses (and conservatively applies) an EPAapproved emission calculation procedure
- Accessible at the most basic level of calculation (i.e., the individual small fleet)



Current Features

Provides calculated credits through the year 2000 ozone season for.

- electric light-duty vehicles
- dedicated and dual-fueled natural gas LDVs and LDTs,
- NG-fueled transit and school buses (replacing diesel buses), and also
- gives a placeholder credit for propane power



Features to be Added in the Near Term

- actual credits for both propane- and alcohol dedicated and dual (flex)-fueled vehicles
- credits for electric hybrids
- 24-hour and cold start credits for each Clean City through at least 2004
- medium-duty vehicle credits
- credits against Tier 2-certified gasoline and diesel vehicles

The model will be updated at least annually as new certification data for AFVs are obtained

Hello! Welcome to AirCred

Please click below on the location to assign VMEP credits for AFVs

Florida Space Coast
Genesee Region, NY
Hampton Roads, VA
Honolulu, HI
Houston, TX
Kansas City, KS-MO







How many NEW AFVs of each of these types were delivered between July 1, 1998 and June 30, 1999... ..and what is your PLANNED total delivery from July 1, 1999 to June 30, 2000? (Replace zeros below as applicable) 1999-2000 1998-99 1998-99 1999-2000 Dedicated CNG Dedicated CNG light trucks, 0 0 0 vans, and minivans in place of automobiles gasoline counterparts **Dual-fueled CNG** Dual-fueled CNG light trucks, 0 0 vans, and minivans in place of automobiles gasoline counterparts Natural gas school buses LPG (propane)-fueled light 0 0 trucks, vans, and minivans in replacing gasoline buses place of gasoline counterparts Natural gas school buses Natural gas-fueled 0 0 0 replacing diesel buses full-size transit buses Electric automobiles Electric light-duty trucks 0 0 0 0 **Print** Go Back OK

Report existing planned local AFV inventory



And how many miles ON AVERAGE is EACH of these AFVs driven each day?

(Replace zeros below as applicable) Dedicated CNG light trucks, Dedicated CNG 0 0 vans, and minivans in place of automobiles gasoline counterparts Dual-fueled CNG light trucks, **Dual-fueled CNG** 0 0 vans, and minivans in place of automobiles gasoline counterparts LPG (propane)-fueled light Natural gas school buses 0 0 trucks, vans, and minivans in replacing gasoline buses place of gasoline counterparts Natural gas school buses Natural gas-fueled 0 0 replacing diesel buses full-size transit buses. Electric light-duty trucks Electric automobiles O 0 **Print** Go Back OK

Provide average daily VM T by each AFV in fleet



How many days per week, on average, is/was EACH of these AFVs

operated between May 1 and September 15?

(Replace zeros below as applicable)

Dedicated CNG light trucks, vans, and minivans in place of gasoline counterparts	Q	Dedicated CNG automobiles	0
Dual-fueled CNG light trucks, vans, and minivans in place of gasoline counterparts	0	Dual-fueled CNG automobiles	0
LPG (propane)-fueled light trucks, vans, and minivans in place of gasoline counterparts	0	Natural gas school buses replacing gasoline buses	0
Natural gas-fueled full-size transit buses	0	Natural gas school buses replacing diesel buses	0
Electric light-duty trucks	0	Electric automobiles	0

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ОК



And what percentage (0-100) of the time does/did EACH AFV type operate on non-petroleum fuel?

(Replace zeros below, as applicable)

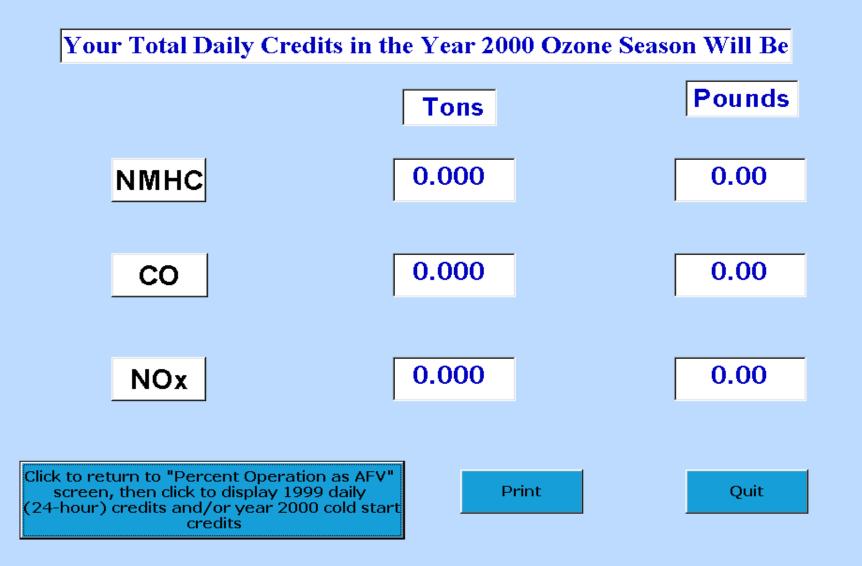
Dedicated CNG light trucks, vans, and minivans in place of gasoline counterparts	Dedicated CNG automobiles	0
Dual-fueled CNG light trucks, vans, and minivans in place of gasoline counterparts	Dual-fueled CNG automobiles	0
LPG (propane)-fueled light trucks, vans, and minivans in place of gasoline counterparts	Natural gas school buses replacing gasoline buses	0
Natural gas-fueled full-size transit buses	Natural gas school buses replacing diesel buses	0
Electric light-duty trucks 0	Electric automobiles	0

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Compute Total Credits Now Compute Cold Start Credits

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Results form ostrecent (past) sum m erw illappear on this screen



Learn More About Voluntary Measures and Earning Credits at Upcoming Workshops

- Co-sponsored by DOE Clean Cities and EPA's Office of Transportation and Air Quality (OTAQ)
- Tentatively planned this summer for Atlanta, New York City, Philadelphia, and Denver
- Will explore both vehicle- and fuel-oriented controls that can be credited against emission budgets now and could become part of the official implementation plan later (similar to investment seed money)
- Schedule will be posted on both Clean Cities (http://www.ccities.doe.gov) and OTAQ (http://www.epa.gov/oms/transp/traqvolm.htm) sites.